

# TROPICAL MEDICINE, CERTIFICATE

## Tropical Medicine Certificate Program EDUCATIONAL OBJECTIVES

This certificate program is designed to provide training in tropical medicine and related public health issues through a multidisciplinary approach. It is also designed to prepare participants for working with current and emerging health problems in developing countries and health problems of travelers. This program focuses broadly on issues of tropical health and on clinical tropical medicine. Toward the program's conclusion, students will have acquired a strong scientific basis for preventing, diagnosing, treating, and controlling tropical health problems. The curriculum will consist of:

1. Specific tropical diseases and detailed case studies stressing diagnosis, treatment, and the implementation of preventive control measures.
2. Recent advances in diagnostic methodologies.
3. Human behavior associated with the transmission of infection and of local perceptions of the disease.
4. Laboratory sessions focusing on diagnostic methods for identification of blood, intestinal, and tissue parasites as well as their vectors.

Sessions include practical lab experience in parasitology and diagnosis.

## Admissions

Contact information and complete certificate program admissions information are available on the certificate program page (<https://publichealth.jhu.edu/academics/tropical-medicine-certificate-program/>) on the Bloomberg School of Public Health website.

## Sponsoring Departments

International Health (<https://publichealth.jhu.edu/departments/international-health/>)

Molecular Microbiology and Immunology (<https://publichealth.jhu.edu/departments/molecular-microbiology-and-immunology/>)

## REQUIREMENTS FOR SUCCESSFUL COMPLETION

A minimum of 18 credits is required for completion. All required and elective courses must be taken for a letter grade; a minimum grade of C is required in all certificate coursework, and students must maintain a 2.75 or better overall GPA for all certificate coursework.

The certificate program length is flexible. However, the certificate must be completed within three years.

The student should review the section of the website that addresses completion (<https://publichealth.jhu.edu/academics/certificate-programs/requirements-for-successful-completion-of-a-certificate-program/>) before completing certificate program requirements. The student's transcript will not indicate that the certificate was earned until the Notification of Completion has been submitted, verified by the certificate program, and processed by the Registrar.

## COURSE OF STUDY

Students should check the BSPH course directory (<https://www.jhsph.edu/courses/>) to confirm when the courses are offered. Students should also check for prerequisites and whether instructor consent is required.

Code	Title	Credits
PH.550.860	Academic & Research Ethics at BSPH (All students are required to complete this online noncredit course in their first term of study)	
<i>Students should complete 18 credits of coursework from the options listed below:</i>		
PH.182.626	Issues for Water and Sanitation in Tropical Environmental Health (typically offered onsite in 3rd term)	2
PH.223.660	Tropical Medicine and Parasitology (typically offered onsite in Winter and Summer Institutes)	4
PH.223.667	Chronic Diseases in Low and Middle income Countries: Prevalence and Epidemiology (typically offered online in 3rd term and onsite in Summer Institute )	4
PH.223.682	Clinical and Epidemiologic Aspects of Tropical Diseases (typically offered onsite in 4th term and online in 2nd term)	4
PH.223.684	Vector-Borne Diseases in the Tropics (typically offered onsite in Summer Institutes)	4
PH.223.685	Tuberculosis, HIV and Other Chronic Infections in the Tropics (typically offered onsite in Summer Institute)	4
PH.223.686	Child and Public Health in the Tropics (typically offered onsite in Winter and Summer Institutes)	4
PH.223.688	Intestinal Infections in the Tropics (typically offered onsite in Summer Institute)	4
PH.224.691	Qualitative Data Analysis (typically offered online in 2nd and 4th terms and onsite in 4th term)	3
PH.260.601	Vector-Borne Disease Control (typically offered onsite in 4th term)	3
PH.260.623	Fundamental Virology (typically offered onsite in 1st term)	4
PH.260.631	Immunology, Infection and Disease (typically offered onsite in 2nd term)	3
PH.260.635	Biology of Parasitism (typically offered onsite in 2nd term)	5
PH.260.650	Vector Biology and Vector-Borne Diseases (typically offered onsite in 3rd term)	3
PH.260.656	Malariology (typically offered online in 3rd term)	4
PH.260.658	Advanced Malariology (typically offered onsite in 4th term)	2
PH.340.693	Investigation of Outbreaks (typically offered onsite in Winter and Summer Institutes)	2